

22-32

Identification and Coding Information

2. Date: October 1, 2001
Revised: May 9, 2002

7. Pre PDF Pg.No.:
8. Req. Adeq. Pub. Fac.

Project Number: 033802
Agency Number: W-73.15
Update Code: Add

3. Project Name: Potomac Water Filtration Plant Upgrade

4. Program: Sanitation
5. Agency: WSSC
6. Planning Area: Bi-County

B. Expenditure Schedule (000's)

Cost Elements	(8) Total	(9) Thru FY '01	(10) Estimate FY '02	(11) Total 6 Years	(12) Year 1 FY '03	(13) Year 2 FY '04	(14) Year 3 FY '05	(15) Year 4 FY '06	(16) Year 5 FY '07	(17) Year 6 FY '08	(18) Beyond 6 Years
Planning, Design & Supervision	1,200			1,200	1,200						
Land											
Site Improvements & Utilities											
Construction	2,000			2,000	2,000						
Other	480			480	480						
Total	3,680			3,680	3,680						

C. Funding Schedule (000's)

SDC	3,680			3,680	3,680						
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D. Description & Justification

DESCRIPTION

This project is to provide funding in FY 2003 for critical projects that are approved as a result of WSSC project W-73.14, Potomac Reliability/Water Quality Study. A critical project is one that the study determines would have to be expedited in order to be completed in time to provide the required level of service to our customers. Possible projects could include any of the following: modifications to improve the filter hydraulics including replacement of the filter media and underdrain, the addition of monitoring equipment, replacement of filter effluent piping, and electrical improvements to the emergency power system, unit substations, and motor control centers. Funding for FY 2004 and beyond will be identified in the FY 2004 CIP when alternatives have been identified at the completion of the study.

Service Area Bi-County Area

JUSTIFICATION

Plans & Studies

"Draft Conditions Assessment and Regulatory Review", O'Brien & Gere Engineers Inc., April 2001. "Draft Chapter II - Existing Conditions", O'Brien & Gere Engineers Inc., April 2001. "Draft Technical Memorandum No. 1", O'Brien & Gere Engineers Inc., April 2001. "Draft Chapter V - Detailed Planning of Selected Alternative", O'Brien & Gere Engineers Inc., March 2002.

Specific Data

The Potomac Reliability/Water Quality Study is approximately 90% complete. The existing conditions and future requirements have been identified. The pilot testing is approximately 65% complete. This preliminary information suggests implementing some of the improvements at the WFP as soon after approval of the final study as possible. Specific alternatives have not yet been finalized. This project is shown as 100% growth for FY03 expenditures. Once the total project is defined the percentage split between growth, system improvement and environmental may be revised. The funding in FY 2003 is based on the project team's best estimate at this time of what could be spent in that fiscal year. It assumes that these projects would be expedited and there may be three or more projects beginning concurrently. No work will begin on this project without prior review by the Policy Review Group and approval by Montgomery and Prince George's Counties.

Cost Change

Not Applicable.

STATUS Preliminary Design

OTHER

The present project scope was developed in FY 2002 and has an estimated total cost of \$3,680,000. This amount will be updated when the Potomac Reliability/Water Quality Study is completed. Numbers shown in Block B are very preliminary planning level estimates. Project priorities may change as the study moves toward completion. The total project costs resulting from the study could

E. Annual Operating Budget Impact (000's)

	FY of Impact
Program Costs	Staff
	Other
Facility Costs	Maintenance
	Debt Service
Total Costs.....	
Impact on Water or Sewer Rate.....	

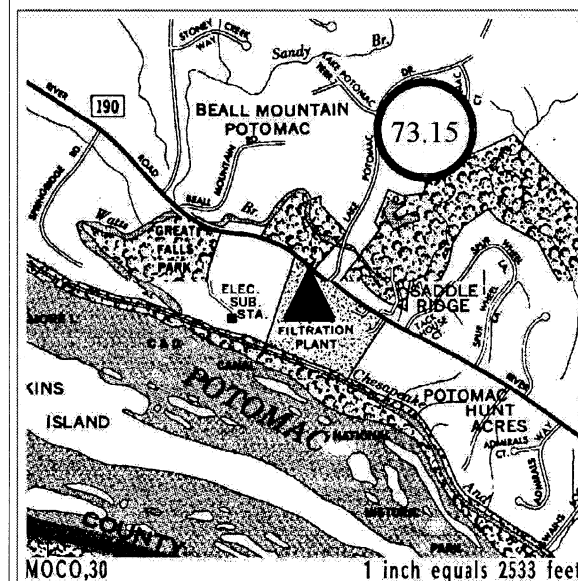
F. Approval and Expenditure Data (000's)

Date First in Capital Program	FY 03
Date First Approved	FY 03
Initial Cost Estimate	3,680
Cost Estimate Last FY	
Present Cost Estimate	3,680
Approved Request, Last FY	
Total Expenditures & Encumbrances	
Approval Request FY 03	3,680
Supplemental Approval Request Current FY (02)	

G. Status Information

Land Status: Not applicable
% Project Completion: D-0%
Est. Completion Date: FY 2003

H. Map Map Reference Code:



D. DESCRIPTION & JUSTIFICATION (CONT.)

Agency Number: W - 73.15

Project Name: Potomac Water Filtration Plant Upgrade

range from \$50 to \$117 million over a 20 year period.

COORDINATION

Montgomery County Government, Prince George's County Government, Maryland-National Capital Park & Planning Commission, National Park Service, Montgomery County Department of Environmental Protection, Maryland Department of the Environment, Prince George's County Department of Environmental Resources and WSSC Project W-73.14, Potomac WFP Reliability/Water Quality Study.

NOTE This project supports 100% Growth.